

Wastewater Management Division
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MEMORANDUM

TO: Potential Designer License Candidates
FROM: Dolores Kuhn, Assistant Regional Engineer
DATE: January 21, 2010
SUBJECT: 2010 Designer License Program Information and Examination Schedule

Thank you for your inquiry regarding the Designer License Program. Following is a list of materials which will be mailed in hard copy or on CD upon request. (Please note, there is a \$10.00 fee to have the rules mailed to you.) These items are also available for downloading from our web site <http://www.anr.state.vt.us/dec/ww/sitetech.htm>

1. Application for Designer License
2. Fee Information
3. Wastewater System and Potable Water Supply Rules effective September 29, 2007.
4. List of Publications
5. Water Supply Rules Chapter 11
6. Map to St. Leo's Hall
7. Map to The Summit (aka Cyprian Learning Center)

The Designer License Program is described in Section 1, Subchapter 7 of the Wastewater System and Potable Water Supply Rules.

Class A certification consists of a written exam and a field exam. The Class B is a written exam only. **Designer examinations will be given once this year.**

Exam Description	Exam Date	Prerequisite	Application Period
Class A written	April 13, 2010	Application and \$100.00 fee	Feb 1 through April 5 to be assured a seat. Additional applications will be accepted through April 9 if space is available
Class A field	June 22, 2010	Successful completion of April 13 exam	
Class B written	August 30, 2010	Class A license, application and \$40.00 fee	June 30 through August 23, 2010

To be sure of a place at the exam, please submit a complete application with the appropriate fee at least three weeks in advance. Registration is limited. We will accept applications up until the day of the exam to the extent possible or until the session is full.

The field exam for Class A, offered once per application, can be taken only after the successful completion of the Class A written exam. If an individual fails either the written or field exam, the application will be denied and the applicant must start from the beginning by submitting a new application and fee.

Exam day: The **Class A written exam** will begin at 8:00 AM and end at 4:30 PM, with a half hour break for lunch. The exam will be given at The Summit (aka Cyprian Learning Center) at the State Office Complex in Waterbury. The exam will be open-book covering the Wastewater System and Potable Water Supply Rules and applicable portions of the Water Supply Rules. To successfully complete the exam, a candidate will need to possess the necessary skills in performing soil and site evaluation for on-site sewage disposal systems, design of sewage disposal systems and private water supplies, locating private water supplies, understanding property deeds, preparing and reading site plans and contour maps, determining land areas, drafting and mathematics. The exam will cover all aspects of work sufficient to demonstrate ability to submit a Wastewater System and Potable Water Supply Permit Application to the State of Vermont Department of Environmental Conservation.

For the **written exams** you will be expected to bring tools required for the designing and drafting of on-site systems; this would include, but is not limited to, a calculator, protractor, scale, compass, lined and graph paper, etc. The **field exam** consists of soil and site evaluation of five to seven test pits. In addition to the written exam one must also pass the field exam to receive a Class A license.

Anyone who has passed both Class A exams is eligible to apply for the Class B exam. The Class B license will qualify you to design site modifications as identified in Section 1-912 of the Wastewater System and Potable Water Supply Rules. The **Class B exam** will be an open-book written exam, which will consist of questions concerning site modifications. Included in the test are problems on sizing pumps, design, and layout of a mound system under various conditions. There are questions on mound construction, on design of a pressure distribution system, and on at grade systems. Also included are other aspects of the Rules applicable to site modifications such as curtain drains, excessive slope sites, and rapidly permeable soils. The Class B exam will start at 8 AM and end at 5:00 PM with an hour break for lunch. The exam will be given on August 30, 2010 at St. Leo's Hall in Waterbury.

There is not one comprehensive list of references that cover all of the interdisciplinary aspects of a designer's responsibilities, however, a brief list of some publications and sources of publications for some of these aspects are available. We recommend that you gain experience with an active Class B Designer. If you need additional copies of the rules or the list of references please refer to our website at <http://www.anr.state.vt.us/dec/ww/sitetechn.htm> or contact us at 802-241-3822.

Please remember,

- Late applications (received after the deadline) will be processed when possible, but there is no guarantee you will be able to sit for the exam.
- Incomplete applications can not be processed. Make sure the application form is filled out and signed in two places.
- There is a \$100.00 application fee for the Class A exams and a \$40.00 fee for the Class B exam. The fee must be included with the application form.
- Refunds will only be made if an application is withdrawn prior to the day of the exam.
- To be eligible to sit for the Class B exam you must hold a Class A license which required taking and passing an "A" exam.

It is our practice to confirm receipt of your application and fee. If you don't receive correspondence from us within 10 days of submittal of your application, please call 802-241-3822 to confirm your status.

If you have any questions, please contact me at dolores.kuhn@state.vt.us or 802-885-8848. You may also contact Julie Campbell at julie.campbell@state.vt.us or 802-241-1021.

cc: Regional Engineers/Assistant Regional Engineers

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